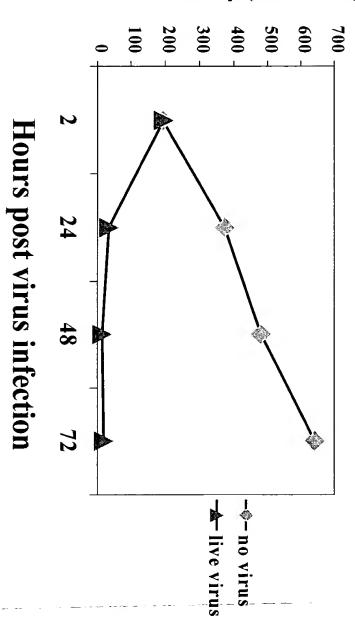
YRUS CLEARANCE OF RAS-MEDIATED NEC

SHEET 1 of 16



## Viability (cells 10<sup>6</sup>/L)



Viability - MCF7

FIGURE 1A

ONCOMEN STORY STREET AND THE STREET

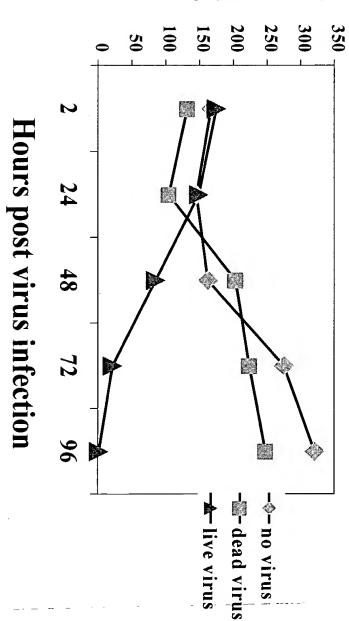
APPLN. FILING DATE: MAY 3, 2001
TITLE: PROVIRUS CLEARANCE OF RAS-MEDIATED NEOPLASTIC CELLS.

INVENTOR(S): DONALD MORRIS, ET AL. APPLICATION SERIAL NO: 09/847,356

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## Viability (cells 10<sup>6</sup>/L)



Viability - SKBR3

FIGURE 1B

CACASTRARO SSAJOSUS: 35-P279319A

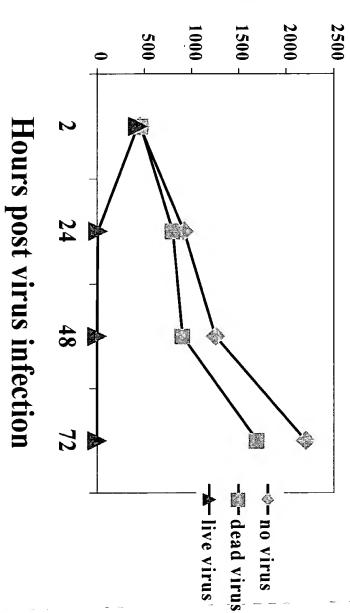
APPLN. FILING DATE: MAY 3, 2001 TITLE: REQUIRUS CLEARANCE OF RAS-MEDIATED NEO

INVENTOR(S). DONALD MORRIS, ET AL. APPLICATION SERIAL NO: 09/847,356

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## Viability (cells 106/L)



Viability - HTB 132 FIGURE 1C

> j mare i ando isaneonweei

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INVENTOR: DONALD MORRIS, ET AL. **SHEET 4 of 16** 

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Viable cell percentage

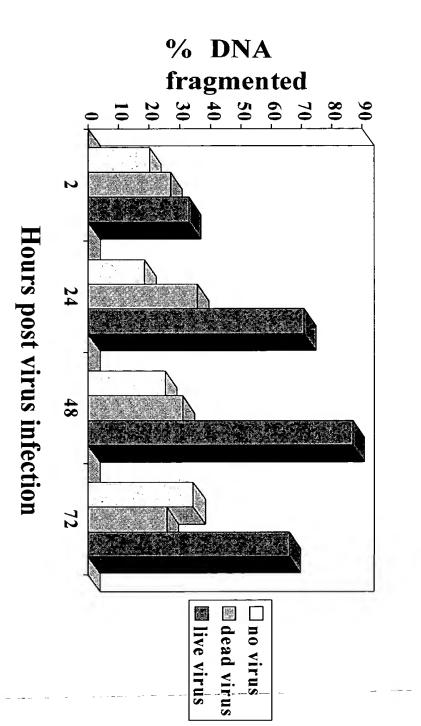
100 90 80 70 60 50 40 30 20 Effect of reovirus on MCF7 viability 2 Hours post virus infection 24 **48** 72 -®-no virus ive virus

> CANSTRAKO SEBCLASS

FIGURE 1D

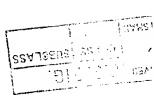
APPLN. FILING DATE: MAY 3, 2001 TITLE: REQUIRUS CLEARANCE OF RAS-MEDIATED NEO CELLS...
INVENTOR(s). DONALD MORRIS, ET AL.
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Reovirus DNA Fragmentation MCF-7

FIGURE 2A



**SHEET 6 of 16** 

## % DNA fragmented

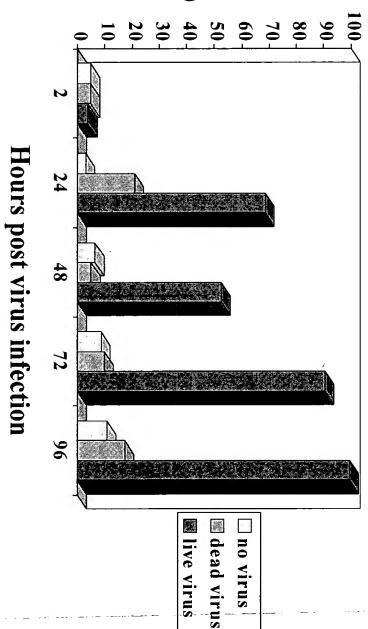


FIGURE 2B

Reovirus DNA Fragmentation SKBR3

S& JOSOFV82 VEL BOALLS APPLN. FILING DATE: MAY 3, 2001
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% DNA fragmented

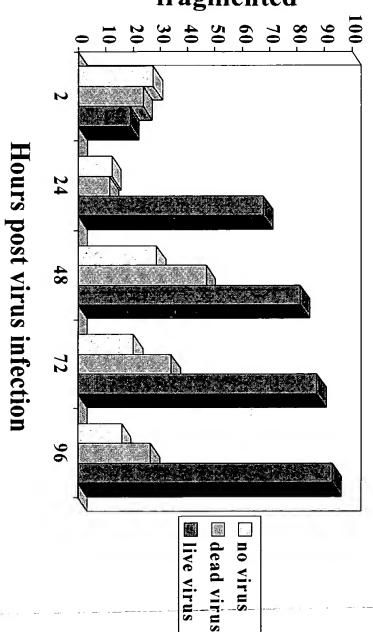


FIGURE 2C

Reovirus DNA Fragmentation

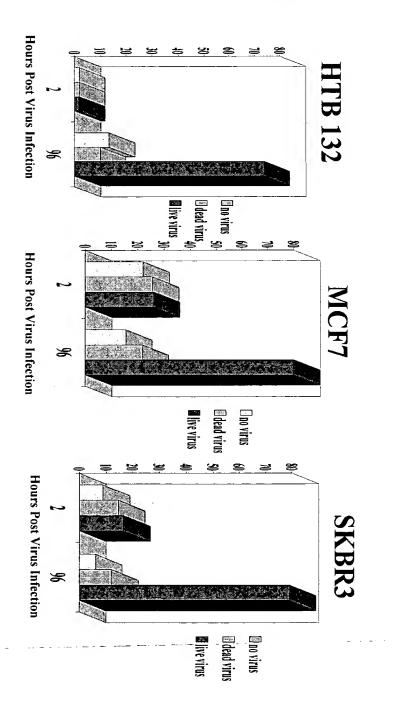
-- 6-

OLEVEL CONTRACTOR

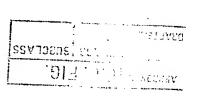
APPLN. FILING DATE: MAY 3, 2001
TITLE: REOVIRUS CLEARANCE OF RAS-MEDIATED NEODISTIC CELLS....
INVENTOR(S. DONALD MORRIS, ET AL.
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## Apoptotic percentage



## Apoptosis (Annexin V-/7AAD)

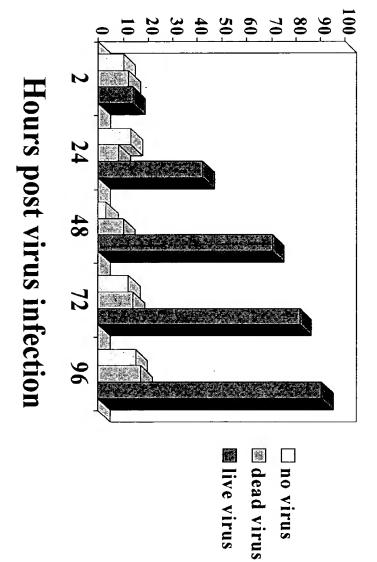


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INVENTOR(S). DONALD MORRIS, ET AL. APPLICATION SERIAL NO: 09/847,356

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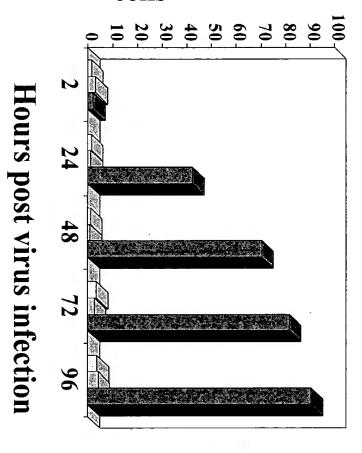


Apoptosis (APO 2.7) - MCF7 cells

TOTAL FRANCE SSALDGUES!



% APO 2.7 + cells



**dead virus** 

live virus

no virus

Apoptosis (APO 2.7) - HTB 132 cells

OBARTEMARIE : SES SUBCLASS

APPLN. FILING DATE: MAY 3, 2001 TITLE: REOVIRUS CLEARANCE OF RAS-MEDIATED NEOPLASTIC INVENTOR: DONALD MORRIS, ET AL. **SHEET 11 of 16** APPLICATION SERIAL NO: 09/847,356

> % APO 2.7 + cells

2 Hours post virus infection 24 **48** 72

live virus dead virus no virus FIGURE 2G

Apoptosis (APO 2.7) - SKBR3 cells

DUVETSHAR SEBCLASS

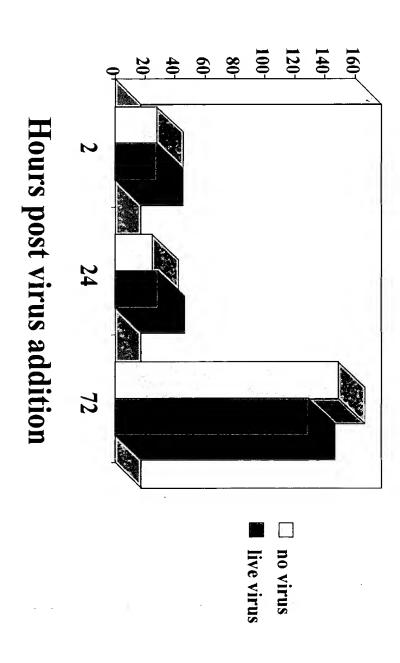
APPLN. FILING DATE: MAY 3, 2001 TITLE: REOVIRUS CLEARANCE OF RAS-MEDIATED NEORLASTIC

CELLS.
INVENTOR(5): DONALD MORRIS, ET AL.
APPLICATION SERIAL NO: 09/847,356

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## CD 34+ cells x 10<sup>6</sup>/L



Effect of reovirus on CD34+ cells

FIGURE 3A

DAAFTSHA.;

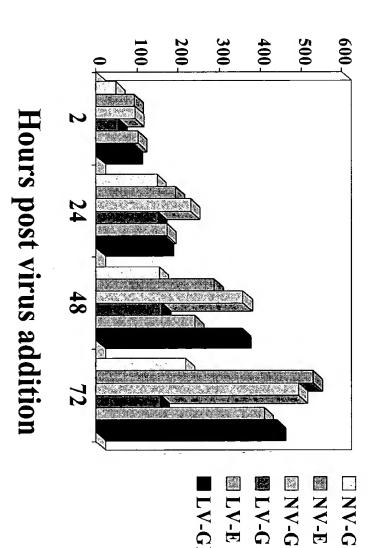
APPLN. FILING DATE: MAY 3, 2001
TITLE: REOVIRUS CLEARANCE OF RAS-MEDIATED NEOPLASTIC CELLS......

INVENTOR(S): BONALD MORRIS, ET AL. APPLICATION SERIAL NO: 09/847,356

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## Number of colonies/plate



Effect of reovirus on long- term stem cell culture



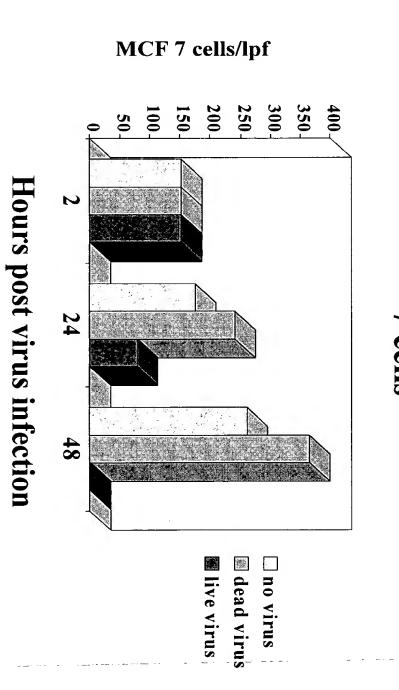
APPLN. FILING DATE: MAY 3, 2001
TITLE: REOVIRUS CLEARANCE OF RAS-MEDIATED NEOPLASTIC CELLS.

Invento (a): Donald Morris, et al. Application Serial No: 09/847,356

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# urging apheresis product of contaminating MCF-

FIGURE 4A

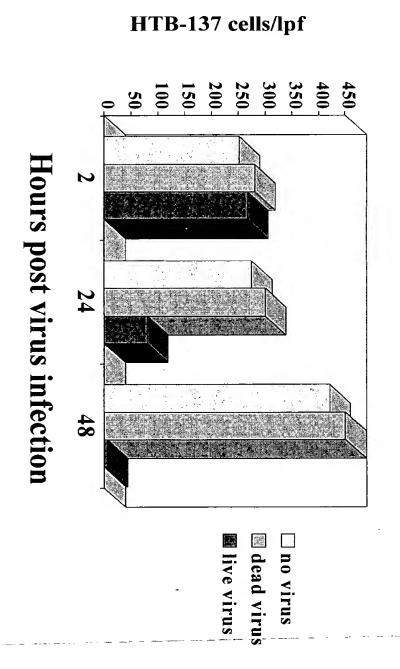


SEALOWER TO THE TRUBBLESS

APPLN. FILING DATE: MAY 3, 2001
TITLE: REOVIRUS CLEARANCE OF RAS-MEDIATED NEOPLASTIC CELLS.
INVENTO DONALD MORRIS, ET AL.
APPLICATION SERIAL NO: 09/847,356
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## urging apheresis product of contaminating HTB-132 cells

FIGURE 4B



DHAFTS AND ASSET SUBSTINESS

SKBR3 cells/lpf Purging apheresis product of contaminati SKBR3 cells 350

dead virus

live virus

□ no virus

Hours post virus infection

24

48

FIGURE 4C

11,478.T3AR SSALDEUE 13 43V0893A